

Title (en)
INCREASING BIOAVAILABILITY OF CAROTENOIDS

Title (de)
ERHÖHTE BIOVERFÜGBARKEIT VON CAROTENOIDEN

Title (fr)
AUGMENTATION DE LA BIODISPONIBILITE DE CARTENOIDES

Publication
EP 1409454 A4 20050518 (EN)

Application
EP 02735925 A 20020521

Priority

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- US 91552701 A 20010727

Abstract (en)
[origin: US2002177181A1] A method of increasing a fraction of free carotenoids in a source of carotenoids in which at least some of the carotenoids are fatty acid esterified carotenoids is disclosed. The method is effected by contacting the source of carotenoids with an effective amount of an esterase under conditions effective in deesterifying the fatty acid esterified carotenoids, thereby increasing the fraction of free carotenoids in the source of carotenoids.

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IPC 8 full level
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CPC (source: EP US)
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C-Set (source: EP US)

1. **A23V 2002/00** + **A23V 2250/211** + **A23V 2250/186**
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Citation (search report)

- [A] DATABASE WPI Section Ch Week 197704, Derwent World Patents Index; Class E24, AN 1977-06398Y, XP002321986
- [A] DATABASE WPI Section Ch Week 199604, Derwent World Patents Index; Class B04, AN 1996-038263, XP002321987
- [A] AAKERMANN T ET AL: "ENZYMATIC HYDROLYSIS OF ESTERS OF ALKALI LABILE CAROTENOLS", 1996, BIOCATALYSIS AND BIOTRANSFORMATION, HARWOOD ACADEMIC PUBL., BASEL, CH, PAGE(S) 157-163, ISSN: 1024-2422, XP008029126
- See references of WO 02094982A2

Designated contracting state (EPC)
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